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NUCLEIC ACIDS ENCODING BDP-1  
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<i>Fig. 2a</i>	<i>Fig. 2b</i>
<i>Fig. 2c</i>	<i>Fig. 2d</i>

*Fig. 1*



1 GAATTGGGCACGAGCGGGCTGGACCTTGCTGCCCGCGGCGCCATGAGCGGAGCCTGGACTCGG  
1 H S R S L D S  
121 GCGCGGCGAGTTGAGCGACATCCAGGCCTGCTCGGCGGCTGSAAGGCTGACGGGCTGTGCTCCA  
26 A G E F S D I Q A C S A A W K A D G V C S  
241 GCCTTATGATCAGACGCGAGTAATCCTCTCCTGCTCCAGGAAGAGGGACACAGGACTACATTA  
66 P Y D Q T R V I L S L L Q E E G H S D Y I  
361 ACCCTTGCTCAGACCTTGCTAGACTTCTGGAGACTGCTGCGAGTTTGGGTCAGGTCATCC  
106 P L P H T L L D F W R L V W E F G V K V I  
481 CCAGGAGCAGGAGCCACTGAGACTGGGCTTTTCTGCATCACTCTGATAAAGSAGAAGTGGCTGA  
146 Q E Q E P L Q T G L F C I T L I K E K W L  
601 TGTGTACCAGCTACAGTATATGCTCTGGCCAGACCGTGGGGTCCCCAGCAGTCTGACCATGTC  
186 V Y Q L Q Y M S W P D R G V P S S P D H M  
721 TGTCCACTGCACTGCGGGTTGTGGGCGAACAGGCCTCTGTGCACCGTGGATTATGTGAGGAGC  
226 V H C S A G C G R T G V L C T V D Y V R Q  
841 GATGAGGAAGCAGCGGCTGCGGCGGTGCAGACAGAGGAGCAGTACAGGTTCTGTACACACGG  
266 M R K Q R P A A V Q T E E Q Y R F L Y H T  
961 CAAAGAGAAATTGTGCCCCACTCTACGACGATGCGCTTCTCTCCGACTCCCCAGGCACTTCTCG  
306 K E N C A P L Y D D A L F L R T P Q A L L  
1081 GGGCCACGOCATGGCTGACACCTACGCGGAGGAGCAGAAAGCGCGGGCTCCAGCGGGCGCGGGA  
346 G H A M A D T Y A E E Q K R G A P A G A G  
1201 CTACAGCAAGGTGACGCGCGCGCCAGCGACCCGCGGCGCAGCGGAGGAGCGGAGGGGAGCG  
386 Y S K V T P R A Q R P G A H A E D A R G T  
1321 CGTGGCGGGTGAGCTCAGACCGGTGGGCTAGGTTTCAACCTGCGCATTGGGAGGCCGAAGGCTC  
426 V A G G A Q T G G L G F N L R I G R P K G  
1441 TGTGCTCTTGTGAGCTGGACTGCTGATGCCCGGTGCTGCTGAGCGGCTGCGGAGAAATGGA  
1561 TGCCCAATGACTGTAGCATTCAGGCTTGAGGCTGAGGAGGTAGCTAGGCTATAGTGGCTGCTG  
1681 TTATGAAGGGGAGAAGGACAGATGAGCTTCGGGAGACTGCTCTCTCACCACAGCACTAGTC  
1801 GTGATGACACTTCCCATCCAGGAGAACTAAGCCAGGCATAACACAGCCAAAGCAATTAAAC  
1921 AACCTGGACAGACAGCCAAAGCTTCAGAGATACAGTCCAGGCTGACAAAGGATCCCCAGCCA  
2041 AAACACAGCCCCAAAGACAGACATCTCTGCTAGCTGGACAGCCAGGTGAGCCCTTAAGTTAG  
2161 TCAGACCCCACTCCCTCAGGTGGGCTGGCTGAGTACAGACCTCTGCGCAGACAGACTCTAAC

Fig. 2a



CGCCGAGCTTCCTGAGCGGCTGGAAGCGCGGCGCGCGGAGGGGCGTCT	120
A R S F L E R L E A R G G R E G A V L	26
CCGTGGCCGGCAGTCGGCCAGAGAACGTGAGGAAGAACCGCTACAAAGACGTGCT	240
T V A G S R P E N V R K N R Y K D V L	66
ATGSCAACTTCATCCGGGGGTGGATGGAAGCCTGGCCTACATTGCCADGCAAGG	360
N G N F I R G V D G S L A Y I A T Q G	106
TSATGGCCTGTGAGAGATAGAGAAATGGGCGGAAAAGGTGTGAGCGTACTGGGC	480
L H A C R E I E N G R K R C E R Y W A	146
ATGAGGACATCATGCTCAGGACCCCTCAAGGTCACATTCCAGAGAGTCCCGTTC	600
N E D I M L R T L K V T F Q K E S R S	186
TGCCATGCTGAGGAAGCCGTCGCTCCAGGGATCTGGCCTGAACCCCTCTG	720
L A M V E E A R R L Q G S G P E P L C	226
TGCTCCTGACCCAGATGATCCACCTGACTTCAGTCTCTTTGATGTGGTCTTAA	840
L L L T Q H I P P D F S L F D V V L K	266
TGGCTCAGATGTTCTGCTCCCACTCCAGAAATGCCAGCCCCCACTAOCAGAACAT	960
V A Q M F C S T L Q N A S P H Y Q N I	306
CCATACCCCGCCACCAGGAGGGGTCTCAGGAGCATCTCTGTGDCGGGTCCCC	1080
A I P R P P G G V L R S I S V P G S P	346
GTGGGACGCAGACGGGACGGGACGGGGCGGCGCAGGGCGGAGGAGGCGCGCT	1200
S G T Q T G T G T G A R S A E E A P L	386
TGCTGCGCGGTTCTGCTGACCAAAGTCTGCGGATCTGGCGCTAOCAGGA	1320
L P G R V P A D Q S P A G S G A Y E D	426
CCGGGACCCGCTGCTGAGTGGACCCGGGTGTAAGTCTAAGCCAGTTCCTGCC	1440
P R D P P A E W T R V *	459
AACAGTGGGCTGGATCAAAGTTAAAGTTTCTCAGGGTGGAAATGTGGGGCTT	1560
AGGCTGCACAGAGCAGATTCAAGAAAGAAGATCAGGAAGGGGATGACCCCTGAG	1680
CATCCTCAGCACCTGAGCTCCTCACTTGGACACTCAGGGGACCAACAGAGAA	1800
CCAGGCAGACCBATAAAAGACCTCCAGATAGGCAGACAGACAGATGGACACC	1920
GAGAGAGAGAGACAGCCAACAGCTTGATAGACAGTGCAGCCAGAGAGACACC	2040
TCAGATTACTAGACAGATATAACAGATCCCTGCTGAAACAGATATACAGATTTC	2160
CAACCAGATGSACTGCCAGACAGGCAGACATCAGTCCACATGSAATCCTGACATC	2280

Fig. 2b



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2281 CCAGCCAGCCGSCCAGACTCTCATCTTGATGTCTTGATGGATGGACCCAGCTAGTCAGACATGA
2401 ACAGATGGAGCCCCAGCAATCAGGACCTATCTAGGCAGACCCAGCCAGACCCCGCCAGACAG
2521 TACAGGTCTAA[REDACTED]AAGAAATGAGTTTTGCCATGTTGCCAGACTGGTCTTGA
2641 GGTGTGAGCCACCAGSCTCAGCCCCCTAAGATTTGAACACTTTAAATGSCCATGCTAGSSTTC
2761 CTGTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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*Fig. 2c*



TCCTCCAGATTGACAGACAAGTCCCCAAATGAGTACACATCTCCAGCTATTTCAG	2400
ACTCCCAACCAGACTGACCCCTTGCTGTTTCACACAGCCTGCCGAGTAGCTGGGAC	2520
ACTCCCAACCTCAAGCAATCCTCTGCCTCAGCCTCCCAAAGTGCTGAGATTACA	2640
CTGCTAGGATAAAACATTAAGTGGCTGTTAAAGAAATAAAAGGAGGACAAGTCT	2760
	2810

*Fig. 2d*